

Dear Drs. Seong and Balco,

We appreciate your time and effort looking over our revised manuscript. We incorporated all suggested edits:

**Line 44 – 45:** we added the citation for Clark et al. (2009)

**Lines 166 – 169:** corrected superscripts

**Lines 180 – 181:** rephrased to ‘<sup>36</sup>Cl exposure ages were calculated using an online exposure age calculator ([http://stoneage.ice-d.org/math/Cl36/v3/v3\\_Cl36\\_age\\_in.html](http://stoneage.ice-d.org/math/Cl36/v3/v3_Cl36_age_in.html)) and Lm scaling (Lal, 1991).’

**Line 382:** fixed superscript

**Line 414:** added ‘ka’ – these are our exposure age data

**Line 433:** defined ‘IRD’

**Table 2:** rephrased to ‘Exposure ages are presented at 1  $\sigma$  internal uncertainty; external uncertainty shown in parentheses. Ages were calculated with an online exposure age calculator ([http://stoneage.ice-d.org/math/Cl36/v3/v3\\_Cl36\\_age\\_in.html](http://stoneage.ice-d.org/math/Cl36/v3/v3_Cl36_age_in.html)) and Lm scaling (Lal, 1991) assuming no surface erosion and steady state nucleogenic <sup>36</sup>Cl production.’

Thank you.

Best,

Caleb Walcott  
*University at Buffalo, Department of Geology*